

:: GSM/GPRS Modem ::

Add wireless connectivity to almost anything!

Along with wide range of multi utility, multi functional applications, GSM/GPRS Modem is yet another profound enhancement in our product range.

The modem delivers all the power of instant wireless connectivity to your multiple applications. Because the modem is fully type approved, it can dramatically speed up the time to market with a full range of Voice, Data, Fax and SMS features (Optional TCP/IP)

Housed in a rugged Aluminum alloy extrusion casing with good aesthetics and surface finish to withstand toughest field environments. The open interfaces and AT commands can embed and run your applications very efficiently. With its proven technology, the modem can be relied on for enduring and dependable performance.



GSM/GPRS Modem details ::

:: Product Features

- Dual-band 900 / 1800 MHz or 900 / 1900 MHz GSM / GPRS Modem
- Internet, Data, SMS, Voice (Optional Fax, TCP/IP Services)
- Remote Control by AT Commands (according to GSM 07.07 and GSM 07.05)
- Maximum output power 2 W for GSM 900 : 1W for GSM 1800 or GSM 1900
- Input voltage 5.5 V to 12 V DC
- Current 1.8A peak at 5.5 V, 330 mA average at 5.5
- SIM Interface 3V / 5 V
- Weight 125 gram

:: Interface

- DRS-232 15 pin D connector (Optional: USB port)
- Remote control by AT commands (GSM 07.07 and 07.05)
- Baud rate from 300 to 115,200 bits/s
- Autobauding (300 to 38,400 bits/s)
- Power supply through 2 pin socket
- SMA antenna connector
- Sliding / fixed landing SIM holder (3V/5V SIM interface)

:: Services

- Data: Circuit asynchronous, transparent and non transparent modes, data rates up to 14.4 kbps
- Fax: Group 3 (Class 2)
- SMS MT / MO / CB
- Voice: Telephony Services and Emergency Calls (through optional Hand Set)

:: Temperature Range

- Storage: -25 C to +70 C
- Operating: 0 C to +55 C
- Dimensions: 100 x 78 x 32 mm Hand Set)

:: SM Supplementary Services

- Call forwarding
- Call barring
- Multiparty
- Call waiting and call hold
- Calling line identity
- Advice of charge
- Closed user group
- Explicit Call Transfer

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:: Typical Applications

- Automatic Meter Reading (AMR)
- GSM Pay Phones
- Fleet/Traffic Management (with optional GPS integration)
- Security Systems
- Mobile / Fixed Internet Connectivity
- Remote Data logging and reporting
- Low cost router
- System to monitor data over Internet
- Remote monitoring of Vending machines

:: GPRS packet Data features

- GPRS Class 2
- Coding schemes : CS1 to CS4
- Compliant with SMG31 bis. Hand Set)

:: Deliverables

- Universal AC Adapter
- PC Communication Cable
- 0dBi Antenna (Magnetic mount or fixed screw mount)
- Optional 3, 5, 10 dBi antenna

:: Other Features

- ME+SIM phone book management
- Fixed dialing number
- SIM toolkit class 2
- SIM, network and service provider locks
- Real time clock
- Alarm management
- Software upgrade through Xmodem protocol
- UCS2 character set management
- ADC & Digital I/Os as optional